206852-2 SUPERSEDED

AMP | AMP Circular Plastic Connectors

TE Internal #: 206852-2

TE Internal Description: CPC RECPT ASSEMBLY SIZE 11-9

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors







Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board**

Number of Positions: **9**

Sealable: **No**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Reverse Gender	No
Contact Type	Pin

Contact Current Rating (Max)	7.5 A
Contact Protection	With

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature Type	Flange with Threaded Inserts
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

Dimensions

Assembly Length	23.5 mm[.925 in]

Usage Conditions

Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

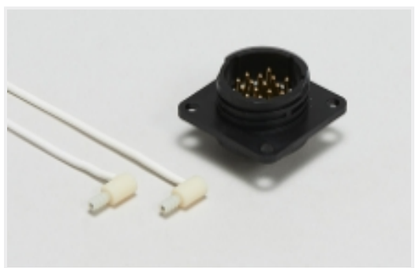
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(423)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #66504-9
SOCKET CONTACT, 20 DF



TE Part #1-103309-0
050 LOPRO HDR SP 30DP



TE Part #206485-1
CPC PLUG ASSEMBLY SIZE 11-9



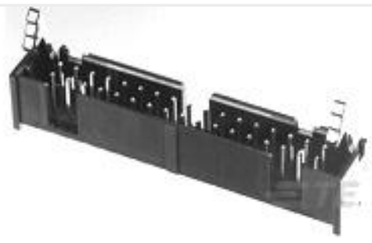
TE Part #6-534237-0
12 MODII VRT SR CE 100/115



TE Part #776536-1
AS16,CAP ASSY,ST,04P,E SEAL,CODE A



TE Part #927766-3
JPT REC 2.8 Contact SWS Sn



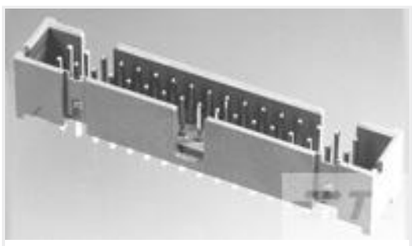
TE Part #1-1761606-1
IDC LOW PRO HDR 34P VERT LAT BLK



TE Part #1825265-1
MSS4200R04=4PDT SL SW R/A AG



TE Part #5103308-7
A/L LOW PRO HDR 34P VERT BLACK



TE Part #5104338-1
A/L LOW PRO HDR 10P VERT HT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206852-2_AL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206852-2_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206852-2_AL.3d_stp.zip

English

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Product Specifications

Connector, Circular Plastic

English

Product Specification

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English